

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Miquel Peeters, et al.

Attorney Docket Q62670

Appln. No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: January 24, 2001

Examiner: Not yet assigned

For: CARRIER CONSTELLATION INFORMATION IN MULTI-CARRIER SYSTEMS

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

Page 1, after the title insert the heading --**Background of the Invention**--.

Page 2, after line 7, insert the heading --**Summary of the Invention**--.

after line 13, insert the heading --**Brief Description of the Drawings**--.

after line 21, insert the heading --**Detailed Description of the Invention**--.

**IN THE CLAIMS:**

**Please enter the following amended claims:**

5. (Amended) Arrangement (BiGi\_TA) according to [one of claims 1 to 4]claim

1,

CHARACTERISED IN THAT said arrangement (BiGi\_TA) further contains means to produce a description of said at least one respective carrier subset (SUBSET1; SUBSET2; ...;

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SUBSET8), and means to transmit said description of said at least one respective carrier subset (SUBSET1; SUBSET2; ...; SUBSET8).

6. (Amended) Arrangement (BiGi\_TA) according to [one of claims 1 to 5]claim 1,

CHARACTERISED IN THAT N carriers are divided into M subsets of N/M carriers with successive carrier indices, N being a first integer number representing a total amount of carriers used in said multi-carrier system, and M representing a second integer number whereby N is an integer multiple of M.

10. (Amended) Arrangement (BiGi\_RA) according to [one of claims 7 to 9]claim 7,

CHARACTERISED IN THAT said arrangement (BiGi\_RA) further contains means to receive a description of said at least one respective carrier subset (SUBSET1; SUBSET2; ...; SUBSET8), and means to interpret said description of said at least one respective carrier subset (SUBSET1; SUBSET2; ...; SUBSET8).

**IN THE ABSTRACT:**

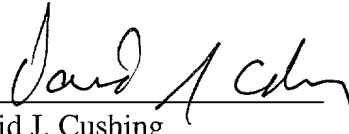
After the heading delete the title in its entirety.

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**REMARKS**

Entry and consideration of this Amendment are respectfully requested.

Respectfully submitted,



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